

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S46	6	(US-20040222168-\$).did. or (US-5922210-\$ or US-3596652-\$ or US-3897340-\$ or US-3832969-\$ or US-4226713-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/07/11 16:24
S47	4	S46 and (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:30
S48	531	plunger and (separat\$4 isolat\$4) near2 plasma	US-PGPUB; USPAT	OR	ON	2007/07/11 17:30
S49	393	plunger and (separat\$4 isolat\$4) near2 plasma and (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:30
S50	5	plunger and (separat\$4 isolat\$4) near2 plasma and (filter screen) and fleece	US-PGPUB; USPAT	OR	ON	2007/07/11 17:31
S51	393	plunger and (separat\$4 isolat\$4) near2 plasma and (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:34
S52	92	plunger and (separat\$4 isolat\$4) near2 plasma same (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:35
S53	19	plunger same (separat\$4 isolat\$4) near2 plasma same (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:36
S54	0	plunger same (separat\$4 isolat\$4) near2 plasma same (collect\$4 trap\$4 retain\$4) with (filter screen) same first adj (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:37
S55	0	plunger same (separat\$4 isolat\$4) near2 plasma same (collect\$4 trap\$4 retain\$4) with first adj (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:37
S56	8	plunger same (separat\$4 isolat\$4) near2 plasma same (collect\$4 trap\$4 retain\$4) with (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:45
S57	0	plunger same (separat\$4 isolat\$4) near2 plasma same second adj (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:47
S58	23	(separat\$4 isolat\$4) near2 plasma same second adj (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:48
S59	0	(separat\$4 isolat\$4) near2 plasma same second adj (filter screen) and plunger	US-PGPUB; USPAT	OR	ON	2007/07/11 17:48
S60	6	(separat\$4 isolat\$4) near2 plasma same second adj (filter screen) and (syringe plunger)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:49
S61	10	(separat\$4 isolat\$4) near2 plasma same second near2 (filter screen) and (syringe plunger)	US-PGPUB; USPAT	OR	ON	2007/07/11 17:51

## EAST Search History

S62	91	(separat\$4 isolat\$4) near2 plasma same (filters screens) and (syringe plunger)	US-PGPUB; USPAT	OR	OFF	2007/07/11 17:51
S63	1	(separat\$4 isolat\$4) near2 plasma same (filters screens) same (syringe plunger)	US-PGPUB; USPAT	OR	OFF	2007/07/11 17:51
S64	0	(separat\$4 isolat\$4) near2 plasma. ti. and (filters screens) same (syringe plunger)	US-PGPUB; USPAT	OR	OFF	2007/07/11 17:52
S65	117	(separat\$4 isolat\$4) near2 plasma. ti.	US-PGPUB; USPAT	OR	OFF	2007/07/11 17:52
S66	26	(separat\$4 isolat\$4) near2 plasma. ti. and (plunger syringe)	US-PGPUB; USPAT	OR	OFF	2007/07/11 18:57
S67	2548	(separat\$4 isolat\$4) near2 plasma and (plunger syringe)	US-PGPUB; USPAT	OR	OFF	2007/07/11 18:57
S68	10	(separat\$4 isolat\$4) near2 plasma and (plunger syringe) with perpendicular	US-PGPUB; USPAT	OR	ON	2007/07/11 19:01
S69	0	(plunger syringe) with perpendicular with damag\$4 near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:02
S70	0	(plunger syringe) with perpendicular with (clog\$4 damag\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:02
S71	0	(plunger syringe) same perpendicular with (clog\$4 damag\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:02
S72	36	(plunger syringe) with (clog\$4 damag\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:13
S73	20	(plunger) with (clog\$4 damag\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:15
S74	1	(plunger) with prevent\$3 with (clog\$4 damag\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:13
S75	10	(plunger) with perpendicular with (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:19
S76	38	(plunger piston) with perpendicular with (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:21
S77	0	(plunger piston) with perpendicular with (damag\$4 clog\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:22
S78	2	(plunger piston) with perpendicular same (damag\$4 clog\$4) near2 (filter screen)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:23
S79	101	(plunger piston) with (filter screen) and (plunger piston) near3 perpendicular	US-PGPUB; USPAT	OR	ON	2007/07/11 19:26

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S80	22	(filter screen) same (plunger piston) near3 perpendicular	US-PGPUB; USPAT	OR	ON	2007/07/11 19:29
S81	171	(filter screen) with (syringe) with side	US-PGPUB; USPAT	OR	ON	2007/07/11 19:30
S82	172	(filter screen) with (syringe) with (sidewall side)	US-PGPUB; USPAT	OR	ON	2007/07/11 19:30
S83	41	(filter screen) near2 (sidewall side) with syringe	US-PGPUB; USPAT	OR	ON	2007/07/11 19:31
S84	32	(filter screen) with (sidewall side) near2 syringe	US-PGPUB; USPAT	OR	ON	2007/07/11 19:34
S85	9	("20020143298" "3596652" "3791933" "3832969" "3897340" "4226713" "4477575" "5130231" "5922210"). PN.	US-PGPUB; USPAT	OR	ON	2007/07/11 19:32
S86	112	(port) with (sidewall side) near2 syringe	US-PGPUB; USPAT	OR	ON	2007/07/11 19:34
S87	101	(port) near3 (sidewall side) near2 syringe	US-PGPUB; USPAT	OR	ON	2007/07/11 19:36
S88	35	(port) near3 (sidewall side) near2 syringe and filter	US-PGPUB; USPAT	OR	ON	2007/07/11 20:07
S89	4	(port) near3 (sidewall side) near2 syringe and filter near3 port	US-PGPUB; USPAT	OR	ON	2007/07/11 19:36
S90	31	(port) near3 (sidewall side) near2 syringe and filter not S89	US-PGPUB; USPAT	OR	ON	2007/07/11 19:59
S91	70	(port) near3 (sidewall side) near2 syringe not S90	US-PGPUB; USPAT	OR	ON	2007/07/11 20:01
S92	46	(port) near3 (sidewall side) near2 syringe and (blood cell plasma) not S90	US-PGPUB; USPAT	OR	ON	2007/07/11 20:03
S93	12	(port) near3 (sidewall side) near2 syringe and (separat\$4 isolat\$4 filter\$3 screen\$4 retain\$4) with (cell plasma) not S90	US-PGPUB; USPAT	OR	ON	2007/07/11 20:04
S94	29	plunger with pressure with (crush\$4 ruptur\$4 clog\$4) with (filter\$3 screen\$4 cell plasma)	US-PGPUB; USPAT	OR	ON	2007/07/11 20:05
S95	97	(port) near3 (sidewall side) with plunger and filter	US-PGPUB; USPAT	OR	ON	2007/07/11 20:07
S96	20	(port) near3 (sidewall side) with plunger and filter near2 port	US-PGPUB; USPAT	OR	ON	2007/07/11 20:07
S97	22	(port) near3 (sidewall side) with plunger and (screen filter) near2 port	US-PGPUB; USPAT	OR	ON	2007/07/11 20:13
S98	2	(port) near3 (sidewall side) same filtrate with (syringe plunger)	US-PGPUB; USPAT	OR	ON	2007/07/11 20:15

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S99	1618	(port) near3 (sidewall side) same (syringe plunger)	US-PGPUB; USPAT	OR	ON	2007/07/11 20:15
S100	1618	(port) near3 (sidewall side) same (syringe plunger)	US-PGPUB; USPAT	OR	ON	2007/07/11 20:15
S101	1029	(port) near3 (sidewall side) same (plunger)	US-PGPUB; USPAT	OR	ON	2007/07/11 20:15
S102	76	(port) near3 (sidewall side) same (plunger) and filter with port	US-PGPUB; USPAT	OR	ON	2007/07/11 20:20
S103	33012	filter with port	US-PGPUB; USPAT	OR	ON	2007/07/11 20:20
S104	552	(separat\$4 isolat\$4) with plasma and filter with port	US-PGPUB; USPAT	OR	ON	2007/07/11 20:21
S105	207	(separat\$4 isolat\$4) with plasma and filter with port and (syringe plunger)	US-PGPUB; USPAT	OR	ON	2007/07/12 12:03
S106	26	microfluid\$4 same plasma and filter with port	US-PGPUB; USPAT	OR	ON	2007/07/12 12:07
S107	15	microfluid\$4 same plasma and filter near2 port	US-PGPUB; USPAT	OR	ON	2007/07/12 12:42
S108	12098	plasma same filter	US-PGPUB; USPAT	OR	ON	2007/07/12 12:13
S109	1997	plasma same filter same (pressure plunger syringe)	US-PGPUB; USPAT	OR	ON	2007/07/12 12:14
S110	930	plasma with filter same (pressure plunger syringe)	US-PGPUB; USPAT	OR	ON	2007/07/12 12:32
S111	8224	blood with filter and press\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 12:32
S112	74263	("422").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/07/12 12:32
S113	1048	S111 and S112	US-PGPUB; USPAT	OR	ON	2007/07/12 12:33
S114	945	S111 and S112 and pressure	US-PGPUB; USPAT	OR	ON	2007/07/12 12:33
S115	11	microfluid\$4 same plasma and filter near2 port and pump\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 12:47
S116	11	(capillary microfluid\$4) and plasma same filter near2 port and pump\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 12:47
S117	34	(capillary microfluid\$4) and (blood plasma) same filter near2 port and pump\$4 not S115	US-PGPUB; USPAT	OR	ON	2007/07/12 14:32
S118	11	microfluid\$4 same plasma and filter near2 port and pump\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 14:32

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S11 9	1	(capillary microfluid\$4) and (blood plasma) same filter near2 port and pump\$4 not S118 and filter near2 channel	US-PGPUB; USPAT	OR	ON	2007/07/12 14:58
S12 0	1	(blood plasma) same filter same prevent\$4 near2 ruptur\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 14:59
S12 1	0	(isolat\$4 separat\$4) near2 (plasma) same filter same prevent\$4 near2 ruptur\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 14:59
S12 2	3	(isolat\$4 separat\$4) near2 (plasma) same filter same ruptur\$4	US-PGPUB; USPAT	OR	ON	2007/07/12 15:00
S12 3	113	(isolat\$4 separat\$4) near2 (plasma) same (membrane filter) same (hemolysis ruptur\$4)	US-PGPUB; USPAT	OR	ON	2007/07/12 15:00
S12 4	4	(isolat\$4 separat\$4) near2 (plasma) same (membrane filter) same prevent\$4 near2 (hemolysis ruptur\$4)	US-PGPUB; USPAT	OR	ON	2007/07/12 15:21
S12 5	2336	(isolat\$4 separat\$4) near2 (plasma) same (membrane filter)	US-PGPUB; USPAT	OR	ON	2007/07/12 15:21
S12 6	229	(isolat\$4 separat\$4) near2 (plasma) same (membrane filter).clm.	US-PGPUB; USPAT	OR	ON	2007/07/12 15:22
S12 7	541	(isolat\$4 separat\$4) near2 (plasma). clm. and (membranes filters)	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:30
S12 8	125	(isolat\$4 separat\$4) near2 (plasma). clm. and (membranes filters) and (syringe plunger)	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:35
S12 9	84	(isolat\$4 separat\$4) near2 (plasma). clm. and (membranes filters) and (piston plunger)	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:46
S13 0	58	("3228876"   "3616928"   "3962094"   "4124509"   "4125468"   "4362567"   "4430213"   "4440641"   "4587018"   "4588407"   "4696748"   "4708796"   "4720342"   "4735726"   "4770778"   "4789473"   "4869822"   "4888109"   "4892710"   "4895805"   "4915832"   "4959152"   "4966699"   "4975187"   "4995967"   "5002668"   "5008012"   "5030215"   "5037610"   "5055198"   "5100549"   "5104375"   "5122113"   "5169529"   "5215519"   "5219328"   "5226877"   "5266197"   "5271743"   "5318524"   "5322800"   "5464535"   "5496473"   "Re32089").PN. OR ("5674394"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 15:44

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S13 1	35	(isolat\$4 separat\$4) near2 (plasma). clm. and (membranes filters) and (piston plunger) and hemolysis	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:47
S13 2	0	(isolat\$4 separat\$4) near2 (plasma) and (membranes filters) and (piston plunger) with perpendicular with hemolysis	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:48
S13 3	0	(piston plunger) with perpendicular with hemolysis	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:47
S13 4	0	(isolat\$4 separat\$4) near2 (plasma) and (membranes filters) and (piston plunger) with hemolysis	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:48
S13 5	83	(isolat\$4 separat\$4) near2 (plasma) and (membranes filters) and (piston plunger) and hemolysis	US-PGPUB; USPAT	OR	OFF	2007/07/12 16:09
S13 6	6	(isolat\$4 separat\$4) near2 (plasma) and (membranes filters) and (piston plunger) and hemolysis.clm.	US-PGPUB; USPAT	OR	OFF	2007/07/12 15:48
S13 7	38	(isolat\$4 separat\$4) near2 (plasma) with (membranes filters) and (piston plunger) with plasma	US-PGPUB; USPAT	OR	OFF	2007/07/12 16:11
S13 8	118	(isolat\$4 separat\$4) near2 (plasma) with (membranes filters) and (piston plunger pump\$4) with plasma	US-PGPUB; USPAT	OR	OFF	2007/07/12 16:11
S13 9	79	(isolat\$4 separat\$4) near2 (plasma) with (membranes filters) and (piston plunger pump\$4) near3 plasma	US-PGPUB; USPAT	OR	OFF	2007/07/12 16:17
S14 0	1	(isolat\$4 separat\$4) near2 (plasma) with (membranes filters) with port and (piston plunger pump\$4) near3 plasma	US-PGPUB; USPAT	OR	OFF	2007/07/12 16:18
S14 1	2106	(422/101).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/18 12:10
S14 2	601	S141 and (plasma)	US-PGPUB; USPAT	OR	ON	2007/07/18 12:20
S14 3	29	S141 and ("plasma.clm" plasma.ti.)	US-PGPUB; USPAT	OR	ON	2007/07/18' 12:21
S14 4	141	S141 and (plasma.clm. plasma.ti.)	US-PGPUB; USPAT	OR	ON	2007/07/18 12:26
S14 5	0	S141 and (plasma) with (diffus\$4 capillary adj force) same (tear\$4 rip\$4 detach\$4)	US-PGPUB; USPAT	OR	ON	2007/07/18 12:27
S14 6	45	(plasma) with (diffus\$4 capillary adj force) same (tear\$4 rip\$4 detach\$4)	US-PGPUB; USPAT	OR	ON	2007/07/18 12:28

## EAST Search History

S14 7	81	("3552928"   "3630957"   "3663374"   "3915647"   "4108729"   "4132650"   "4189304"   "4246107"   "4256693"   "4288228"   "4312834"   "4330410"   "4369117"   "4391906"   "4442204"   "4446232"   "4447526"   "4460684"   "4461829"   "4477575"   "4518565"   "4532107"   "4543338"   "4582684"   "4587099"   "4604264").PN. OR ("4883764"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 12:31
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